

**Stellingen**  
**Behorende bij het proefschrift**

**"Human Adipocytes and the Composition of  
Plasma Lipoproteins:  
Linking Obesity with Type 2 Diabetes and  
Cardiovascular Disease"**

1. Up-regulation of Hedgehog signaling is associated with the suppression of low grade inflammation-related ageing diseases (*this thesis*).
2. The major phospholipids and the majority of proteins present on lipoproteins are conserved and they show only differences in the concentrations and during pathophysiological state (*this thesis*).
3. The balance between lipoproteins particles is a guarantee for a health function of these particles and not increasing or decreasing of specific lipoprotein (*this thesis*).
4. In obese adipocytes, lipid droplets are the main energy supplier of the cell and not mitochondria (*this thesis*).
5. If we can control insulin in adipose tissue of obese subjects, we are one step closer to the reduction of the complexity of type 2 diabetes (*this thesis*).
6. The canonical view of coagulation factors synthesis has to be revised, because many other cells synthesize coagulation factors too.
7. Imagination is much more important than science (*Prof. Albert Einstein*).
8. Chance favors only the prepared mind (*Prof. Louis Pasteur*).
9. Science has no country and thus no border, because science is in service of human and thus belongs to the whole world (*Prof. Louis Pasteur*).
10. Science is very easy if you know the way (*Dr. F. Rezaee*).
11. "Out of the box scientists" think wide and are highly intelligent and responsible for the majority of discoveries, although "IN the box scientists" are also intelligent but they remain in the box. (*Dr. F. Rezaee*).
12. A good scientist is one, who looks at the body as a whole and then focuses on the details of one subject and its association with the other parts (*this thesis*).

**Monireh Dashti Rahmatabadi**  
**Groningen, 6 September 2012.**